

1600

RAW SEQUENCE LISTING

DATE: 10/31/2001

PATENT APPLICATION: US/09/327,750D

TIME: 11:23:50

Input Set : A:\ES.txt

Output Set: N:\CRF3\10312001\I327750D.raw

3 <110> APPLICANT: Sato, Taki-Aki
 5 <120> TITLE OF INVENTION: GENE ENCODING NADE, P75NTR- ASSOCIATED CELL DEATH EXECUTOR
 AND USES

6 THEREOF

8 <130> FILE REFERENCE: 0575/59131/JPW/APE

10 <140> CURRENT APPLICATION NUMBER: 09/327,750D

11 <141> CURRENT FILING DATE: 1999-06-07

13 <160> NUMBER OF SEQ ID NOS: 45

15 <170> SOFTWARE: PatentIn version 3.0

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 36

19 <212> TYPE: DNA

20 <213> ORGANISM: MOUSE

22 <400> SEQUENCE: 1

23 aattgtctac gcatccttat gggggagctg tctaac

36

26 <210> SEQ ID NO: 2

27 <211> LENGTH: 12

28 <212> TYPE: PRT

29 <213> ORGANISM: MOUSE

31 <400> SEQUENCE: 2

33 Asn Cys Leu Arg Ile Leu Met Gly Glu Leu Ser Asn

34 1 5 10

36 <210> SEQ ID NO: 3

37 <211> LENGTH: 30

38 <212> TYPE: DNA

39 <213> ORGANISM: Artificial Sequence

41 <220> FEATURE:

42 <221> NAME/KEY: misc_feature

43 <222> LOCATION: (1)..(30)

44 <223> OTHER INFORMATION: Mouse Nade DNA

47 <400> SEQUENCE: 3

48 ctagctagca tcatggtgag caagggcgag

30

51 <210> SEQ ID NO: 4

52 <211> LENGTH: 28

53 <212> TYPE: DNA

54 <213> ORGANISM: Artificial Sequence

56 <220> FEATURE:

57 <221> NAME/KEY: misc_feature

58 <222> LOCATION: (1)..(28)

59 <223> OTHER INFORMATION: Mouse Nade DNA

62 <400> SEQUENCE: 4

63 ccgctcgagt cttgtacagc tcgtccat

28

66 <210> SEQ ID NO: 5

67 <211> LENGTH: 29

68 <212> TYPE: DNA

69 <213> ORGANISM: Artificial Sequence

71 <220> FEATURE:

72 <221> NAME/KEY: misc_feature

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 10/31/2001

PATENT APPLICATION: US/09/327,750D

TIME: 11:23:50

Input Set : A:\ES.txt

Output Set: N:\CRF3\10312001\I327750D.raw

73 <222> LOCATION: (1)..(29)

74 <223> OTHER INFORMATION: Mouse Nade DNA

77 <400> SEQUENCE: 5

78 atcctcgagc gatcatggcc aatgtccac 29

81 <210> SEQ ID NO: 6

82 <211> LENGTH: 27 Artificial

83 <212> TYPE: DNA

C--> 84 <213> ORGANISM: Artificial Sequence

86 <220> FEATURE:

87 <221> NAME/KEY: misc_feature

88 <222> LOCATION: ()..()

89 <223> OTHER INFORMATION: Mouse Nade DNA

92 <400> SEQUENCE: 6

93 atcggatcct ctacgtgta gctccct 27

96 <210> SEQ ID NO: 7

97 <211> LENGTH: 27

98 <212> TYPE: DNA

99 <213> ORGANISM: Artificial Sequence

101 <220> FEATURE:

102 <221> NAME/KEY: misc_feature

103 <222> LOCATION: (1)..(27)

104 <223> OTHER INFORMATION: Mouse Nade DNA

107 <400> SEQUENCE: 7

108 atcggatccg atctctctca tctcctc 27

111 <210> SEQ ID NO: 8

112 <211> LENGTH: 27

113 <212> TYPE: DNA

114 <213> ORGANISM: Artificial Sequence

116 <220> FEATURE:

117 <221> NAME/KEY: misc_feature

118 <222> LOCATION: (1)..(27)

119 <223> OTHER INFORMATION: Mouse Nade DNA

122 <400> SEQUENCE: 8

123 aaagcttagg gaggcacagc tgagaaa 27

126 <210> SEQ ID NO: 9

127 <211> LENGTH: 27

128 <212> TYPE: DNA

129 <213> ORGANISM: Artificial Sequence

131 <220> FEATURE:

132 <221> NAME/KEY: misc_feature

133 <222> LOCATION: (1)..(27)

134 <223> OTHER INFORMATION: Mouse Nade DNA

137 <400> SEQUENCE: 9

138 tttctcagct gtgcctccct aagcttt 27

141 <210> SEQ ID NO: 10

142 <211> LENGTH: 26

143 <212> TYPE: DNA

144 <213> ORGANISM: Artificial Sequence

146 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 10/31/2001

PATENT APPLICATION: US/09/327,750D

TIME: 11:23:50

Input Set : A:\ES.txt

Output Set: N:\CRF3\10312001\I327750D.raw

```

147 <221> NAME/KEY: misc_feature
148 <222> LOCATION: (1)..(26)
149 <223> OTHER INFORMATION: Mouse Nade DNA
152 <400> SEQUENCE: 10
153 atccggagaa aggctaggga ggcaca                26
156 <210> SEQ ID NO: 11
157 <211> LENGTH: 26
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)..(26)
164 <223> OTHER INFORMATION: Mouse Nade DNA
167 <400> SEQUENCE: 11
168 tgtgcctccc tagcctttct ccggat                26
171 <210> SEQ ID NO: 12
172 <211> LENGTH: 124
173 <212> TYPE: PRT
174 <213> ORGANISM: MOUSE
176 <400> SEQUENCE: 12
178 Met Ala Asn Val His Gln Glu Asn Glu Glu Met Glu Gln Pro Leu Gln
179 1          5          10          15
181 Asn Gly Glu Glu Asp Arg Pro Val Gly Gly Gly Glu Gly His Gln Pro
182          20          25          30
184 Ala Gly Asn Asn Asn Asn Asn His Asn His Asn His Asn His His
185          35          40          45
187 Arg Arg Gly Gln Ala Arg Arg Leu Ala Pro Asn Phe Arg Trp Ala Ile
188          50          55          60
190 Pro Asn Arg Gln Met Asn Asp Gly Leu Gly Gly Asp Gly Asp Asp Met
191 65          70          75          80
193 Glu Met Phe Met Glu Glu Met Arg Glu Ile Arg Arg Lys Leu Arg Glu
194          85          90          95
196 Leu Gln Leu Arg Asn Cys Leu Arg Ile Leu Met Gly Glu Leu Ser Asn
197          100         105         110
199 His His Asp His His Asp Glu Phe Cys Leu Met Pro
200          115         120
202 <210> SEQ ID NO: 13
203 <211> LENGTH: 111
204 <212> TYPE: PRT
205 <213> ORGANISM: HUMAN
207 <400> SEQUENCE: 13
209 Met Ala Asn Ile His Gln Glu Asn Glu Glu Met Glu Gln Pro Met Gln
210 1          5          10          15
212 Asn Gly Glu Glu Asp Arg Pro Leu Gly Gly Gly Glu Gly His Gln Pro
213          20          25          30
215 Ala Gly Asn Arg Arg Gly Gln Ala Arg Arg Leu Ala Pro Asn Phe Arg
216          35          40          45
218 Trp Ala Ile Pro Asn Arg Gln Ile Asn Asp Gly Met Gly Gly Asp Gly
219          50          55          60

```

RAW SEQUENCE LISTING

DATE: 10/31/2001

PATENT APPLICATION: US/09/327,750D

TIME: 11:23:50

Input Set : A:\ES.txt

Output Set: N:\CRF3\10312001\I327750D.raw

```

221 Asp Asp Met Glu Ile Phe Met Glu Glu Met Arg Glu Ile Arg Arg Lys
222 65          70          75          80
224 Leu Arg Glu Leu Gln Leu Arg Asn Cys Leu Arg Ile Leu Met Gly Glu
225          85          90          95
227 Leu Ser Asn His His Asp His His Asp Glu Phe Cys Leu Met Pro
228          100          105          110
230 <210> SEQ ID NO: 14
231 <211> LENGTH: 13
232 <212> TYPE: PRT
233 <213> ORGANISM: Mouse
235 <400> SEQUENCE: 14
237 Leu Thr Met Lys Glu Val Glu Glu Leu Glu Leu Leu Thr
238 1          5          10
240 <210> SEQ ID NO: 15
241 <211> LENGTH: 13
242 <212> TYPE: PRT
243 <213> ORGANISM: Mouse
245 <400> SEQUENCE: 15
247 Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
248 1          5          10
250 <210> SEQ ID NO: 16
251 <211> LENGTH: 10
252 <212> TYPE: PRT
253 <213> ORGANISM: Mouse
255 <400> SEQUENCE: 16
257 Leu Ala Leu Lys Leu Ala Gly Leu Asp Ile
258 1          5          10
260 <210> SEQ ID NO: 17
261 <211> LENGTH: 9
262 <212> TYPE: PRT
263 <213> ORGANISM: Mouse
265 <400> SEQUENCE: 17
267 Leu Pro Val Leu Glu Asn Leu Thr Leu
268 1          5
270 <210> SEQ ID NO: 18
271 <211> LENGTH: 9
272 <212> TYPE: PRT
273 <213> ORGANISM: Mouse
275 <400> SEQUENCE: 18
277 Leu Pro Pro Leu Glu Arg Leu Thr Leu
278 1          5
280 <210> SEQ ID NO: 19
281 <211> LENGTH: 12
282 <212> TYPE: PRT
283 <213> ORGANISM: Mouse
285 <400> SEQUENCE: 19
287 Lys Val Ala Glu Lys Leu Glu Ala Leu Ser Val Arg
288 1          5          10
290 <210> SEQ ID NO: 20

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/327,750D

DATE: 10/31/2001
 TIME: 11:23:50

Input Set : A:\ES.txt
 Output Set: N:\CRF3\10312001\I327750D.raw

```

291 <211> LENGTH: 13
292 <212> TYPE: PRT
293 <213> ORGANISM: Mouse
295 <400> SEQUENCE: 20
297 Glu Val Asp Gln Leu Arg Leu Glu Arg Leu Gln Ile Asp
298 1 5 10
300 <210> SEQ ID NO: 21
301 <211> LENGTH: 8
302 <212> TYPE: PRT
303 <213> ORGANISM: Mouse
305 <400> SEQUENCE: 21
307 Leu Pro Leu Gly Lys Leu Thr Leu
308 1 5
310 <210> SEQ ID NO: 22
311 <211> LENGTH: 14
312 <212> TYPE: PRT
313 <213> ORGANISM: Mouse
315 <400> SEQUENCE: 22
317 Ala Leu Ser Ala Gln Leu Tyr Ser Ser Leu Ser Leu Asp Ser
318 1 5 10
320 <210> SEQ ID NO: 23
321 <211> LENGTH: 13
322 <212> TYPE: PRT
323 <213> ORGANISM: human
325 <400> SEQUENCE: 23
327 Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg
328 1 5 10
330 <210> SEQ ID NO: 24
331 <211> LENGTH: 13
332 <212> TYPE: PRT
333 <213> ORGANISM: mouse
335 <400> SEQUENCE: 24
337 Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg
338 1 5 10
340 <210> SEQ ID NO: 25
341 <211> LENGTH: 27
342 <212> TYPE: PRT
343 <213> ORGANISM: MOUSE
345 <400> SEQUENCE: 25
347 Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg Asn Cys Leu
348 1 5 10 15
350 Arg Ile Leu Met Gly Glu Leu Ser Asn His His
351 20 25
353 <210> SEQ ID NO: 26
354 <211> LENGTH: 27
355 <212> TYPE: PRT
356 <213> ORGANISM: HUMAN
358 <400> SEQUENCE: 26
360 Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg Asn Cys Leu

```

10/31/01

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/327,750D

DATE: 10/31/2001

TIME: 11:23:51

Input Set : A:\ES.txt

Output Set: N:\CRF3\10312001\I327750D.raw

L:84 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6